

## APPARATUS FOR PREVENTING CLOUDING OF WINDOW

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Inventor(s): YOSHIDA MASANOBU

Applicant(s): SUMITOMO ELECTRIC INDUSTRIES

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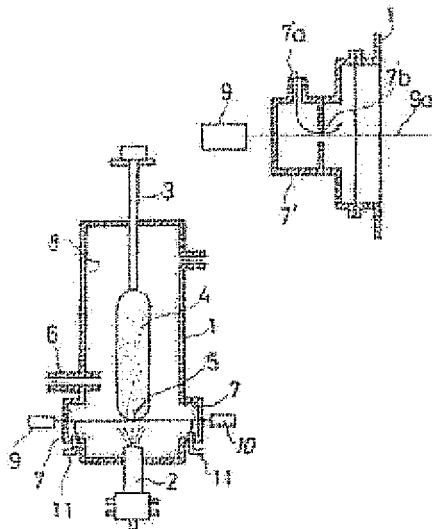
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Abstract of JP 60041538 (A)

**PURPOSE:** To prevent inspection of reaction condition from becoming impossible by clouding due to clouding caused by excessive reaction product on an inspection window by providing a small hole to an inspection window of a reaction vessel and passing gas through the small hole into the reaction vessel.

**CONSTITUTION:** A seed bar 3 is suspended in a reaction vessel and gaseous raw material for glass is ejected from an oxyhydrogen burner 2 at the bottom of the reaction vessel 1 to cause deposition of base material 4 for optical fiber on the bottom end of the seed bar 3. In this stage, He-Ne laser light is radiated to a photoreceptor 10 from an He-Ne laser light projector 9; the position 5 where deposition of the base material 4 is caused is inspected and the seed bar 3 is raised slowly. To prevent inspection of the position of the top end of the seed bar 4 from becoming impossible by clouding phenomenon of the window of a projector of He-Ne laser light by the clouding of the projector due to excessive product of the reaction in the reaction vessel, the inspection window 7' is formed to a double layered structure and a small hole 7'b is provided between the reaction vessel and the inspection window, and a small amt. of gas is supplied from a gas feeding port 7'a.



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